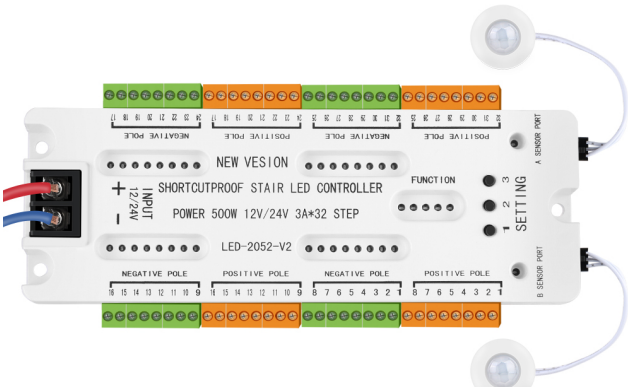# 32 CHANNELS STAIR LED CONTROLLER DC12V/24V MANUAL

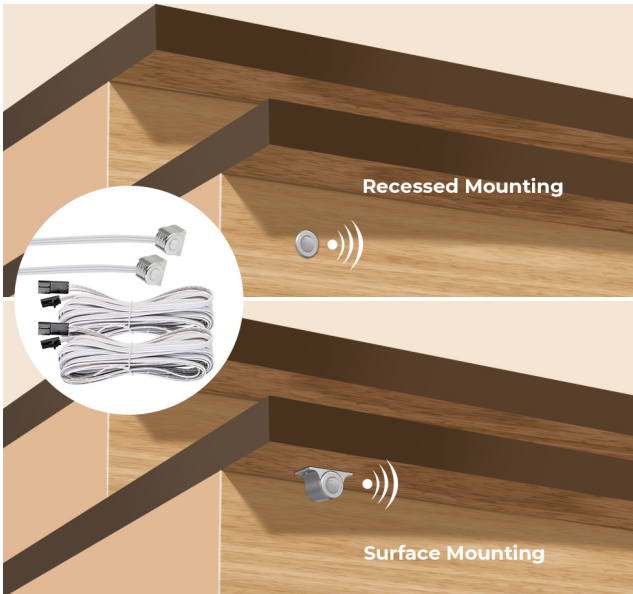Simple control   Prevent short sircuit   Stable and convenien

MOTION SENSOR

Automatic Fast Sensing 32 Step LED Staircase Controller
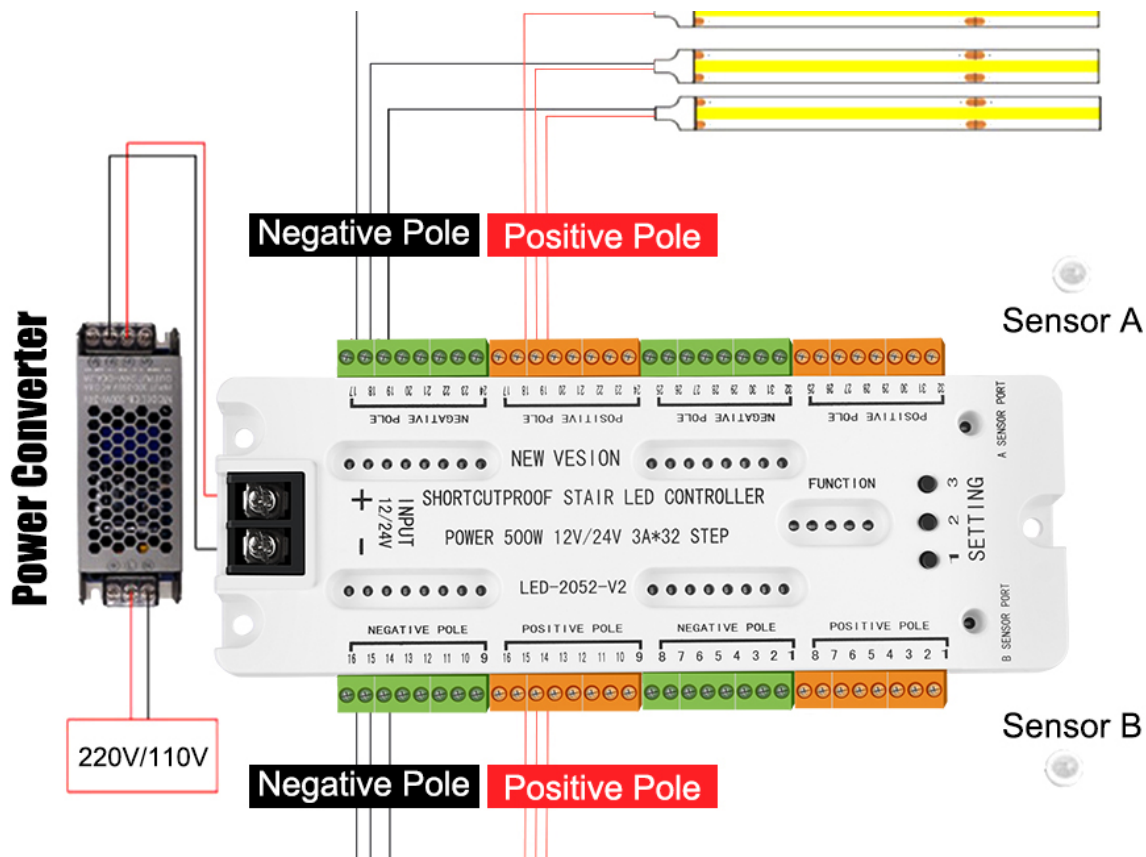
Recessed Mounting

Surface Mounting

Precautions:

- **This product is low voltage DC12V-24V. It is necessary to connect the switching power supply. Do not connect the wrong voltage to avoid burning the controller.**
- The input port is divided into positive and negative poles. Do not connect them reversely.
- Do Switch off the power before you operate the light connection.
- After the wiring is completed, check the installation and the LED connection before powering on. If the wire and the lamp are not installed according to the requirements, there may be a short circuit, resulting in abnormal control.
- This product is neither waterproof nor fireproof. Do not immerse in water or use near a fire source.

Specifications

- Product name: LED Stair Induction Controller
- Product Model: STEP-32-1002
- Input voltage: DC12V / 24v
- Output voltage: DC12V / 24V
- Output Power: ≤500W Max
- Ports: 32 LED strip outputs, 2 PIR Sensor Ports.
- Product size: 185MM x 78MM

Installation

Insert the LED light strip into the controller port of the corresponding stair step in order.
For example, the positive pole of the LED strip on the first step is inserted in the Orange Terminal
Number 1 while the negative pole is inserted in the Green Terminal Number 1;
The positive pole of the second step is inserted in the Orange Terminal Number 2 while the negative
pole is inserted in the Green Terminal Number 2 and so on.

The controller has 32 ports, you can programme the controller with the correct number of steps as
per the instructions below.

Operating instructions:

- **Long press the key [1]** for 4 seconds to enter the setting of step number for the step light.
  Then, short press the key [1] to turn on the "1-32"channel number light. Select the number of
  step light channels according to the channel light indication, and then long press the 1.key [1]
  or wait for 5 seconds Save settings

- **Short press the key [1]** to select 5 modes, and select the desired mode based on the display
  indicator light; Function display area: The second indicator light on the left is"step", the first
  indicator light on the left is "every other step", the third indicator light on the left is "all on", the
  fourth indicator light on the left is "follow, and the fifth indicator light on the left
  is"automatic"(there is a pattern when there is no one present, Step when there are people).

- **Short press the 1.key [2]** to select the duration of the constant light
  "10s-20s-40s-80s-100s". Function display area: One indicator light is on as "10S", two
  indicator lights are on as "20S", three indicator lights are on as "40S", four indicator lights are
  on as "80S", and five indicator lights are on as "100S".

- **Long press the key [2]** for 4 seconds to select the brightness of the staircase light, then
  short press the key [2] to select "10%-20%-40%-60%-100%", and then long press the key [2] or
  wait for 5 seconds to save the settings;
  Function display area: One indicator light is on at "10%", two indicator lights are on at "20%",
  three indicator lights are on at "40%", four indicator lights are on at "60%", and five indicator
  lights are on at "100%".

- **Short press the key [3]** to set the flow speed of the staircase light, with a time of "0.3s 0.5s
  0.8s 1.0s 1.2s";
  Function display area: One indicator light is on as "0.3S, two indicator lights are on as "0.5S",
  three indicator lights are on as "0.8S", four indicator lights are on as "1.0S", and five indicator
  lights are on as "1.2S".

- **Long press and hold the key [3]** to turn off or turn on the 1% brightness background light
  function (all channels have 1% brightness when there are no people, and step when there are
  people);

- After 5 seconds of no operation on any buttons, all lights flash once to automatically save all
  set parameters.

Operation supplement:

- If AB induction is triggered simultaneously within 6 seconds, up and down at the same time. If AB induction is 6 seconds later. AB induction direction only goes from one end to the other.
- Set the chase time.
- Step every other step, all on, follow, automatic.
- If the induction continues at the delay time, keep it on = total time from A to B + delay time.
- Short-circuit protection device, short circuit status, five status indicators strobe.

Specifications:

- Product name: LED upgraded staircase sensing control device
- Product type: LED2052-V2
- Input voltage: DC12V/24V
- Port: 2
- Sensor head: 2 (AB)
- Product size: About 180*63*19mm
- Channel: 32 (set to 1-32 step)

Package Contents:

- 1 x LED Controller
- 2 x Sensors
- 2 x Output Cables